



# *Quarterly Gazette of the Howard Composite Squadron Civil Air Patrol*

— No 9 —

*R. E. Terry*

*PAO*



## AEROSPACE EDUCATION EVENT!

### Guest Speaker

The Howard Composite Squadron of Columbia, Maryland recently enjoyed a fascinating presentation on satellite imaging in support of environmental studies by Mr. Steve Boyce. Mr. Boyce has collected an impressive number of high resolution, large format images from a variety of platforms in his thirteen years experience as a NASA technician and computer specialist.

Mr. Boyce pointed out some of the characteristics of the observing platforms and instruments, e.g. the multi-spectral imaging systems and thematic mapper. He then moved on to discuss perhaps twenty or more high resolution plates printed on formats about four feet square. These images spanned about ten years of Landsat observations culminating with a set of Gulf War events, individual ordnance craters and oil fires were quite well resolved.

## March 18 — SAREX

### Ground Team

The Howard Squadron ground team was well represented at this recent SAREX, which concentrated on task based training. Our first ELT was found quickly due to good triangulation on an unmodulated signal and equally adept institutional memory! Mrs Kaplan is convinced that next year she may just have the cookies and juice standing by for our arrival. Our next target was near the Susquehanna State Park, but did not live long enough to be found (see "QOW" below).

The squadron's **ground team school** has started up again, see the website for scheduling.



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## **Rockets!**

Our program is gaining a fine collection of rockets with the near completion of the second model — a Nike Smoke scale replica of a real NASA tracer rocket. This second kit is a more serious skill level than our first "Alpha" models, and your editor is hoping his effort can compete with the fine job done by C/MSgt Dia Kinnaman.

## **WebSite** **([hcs.mdwg.](http://hcs.mdwg.cap.gov)** **[cap.gov](http://hcs.mdwg.cap.gov))**

The "Archive" has been stocked with the last full year of this newsletter in Portable Document Format (PDF). Just click on any issue and you can view it with Adobe Acrobat. The first set of rocketry notes has also been added, and several other documents are in the planning stages.

## **Promotions & Awards**

**Cadets:** Renninger, Rickenbacker; Fenner, Lindbergh; Kinnaman, Doolittle & Goddard; Haack, Lindbergh & Dolittle; Steciak, Goddard; Proffen, Goddard & Recruiting Award; Puppa, Curry; Burkhardt, Curry; Rockstroh, Curry; Christensen, 1st Achievement; Jones, A1c; Procopio, A1c; Rogers, A1c; Eberhardt, Lindberg; Terry, Mitchell;

### **WELCOME**

**New Cadets:** Carl Christensen, Dan Haack, Jacob Middleton, Rebecca Puppa, Avinash Chandra, Jonathan Widmer.

**Seniors:** Norris Middleton, New Senior Member.



## **Quarterly Order of the Wingnut**

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During the March SAREX, having found the test ELT in Susquehanna State Park, the intrepid Bowie Squadron ground team just turned it off (on their own), leaving us to wander without any signal to find!